

NASSAR

**CYBER SECURITY
PROFESSIONAL SERVICES**

CLEAR STRATEGIC THINKING FOR TANGIBLE SECURITY IMPROVEMENTS

We understand the need for security to remain affordable – so we'll focus on addressing the areas with the highest impact. It's a targeted, clear-thinking approach, from a team you can trust to get on with the job.

IN THIS GUIDE, WE INTRODUCE YOU TO THE FOLLOWING COMPONENTS OF CYBER SECURITY PROFESSIONAL SERVICES:

\\ Security Hardening →

\\ Penetration Testing Services →

\\ Cyber Security Strategy →

SECURITY HARDENING

Time to toughen up the systems you rely on daily

Cyber criminals don't rest. They are continuously trawling, looking for innovative ways to hack into organisations. 'Hardening' your IT environment makes good business sense, but prevention isn't enough.

CYBER RESILIENCE TO THE RESCUE

Cyber resilience is the ability to prepare for, respond to and recover for a cyber-attack. At Nasstar, our solutions go beyond reducing the risk of an attack, we ensure you not only survive an attack, you recover and are back to business as soon as possible.

As a Microsoft Gold partner and a security specialist with years of experience working with organisations to harden their security, you can feel confident that with Nasstar, your IT environment will be more secure for everyone who relies upon it.

Furthermore, our Mimecast Security Hardening service provides best-practice Mimecast customisation to enhance the protection of your email systems and further reduce the risk of phishing attacks.

Our Microsoft Office 365 Security Hardening service takes the world's favourite cloud-based office suite and customises it to provide layers of extra security - from mailbox auditing to extra phishing and email spoofing protection. We start by running a complete assessment of your Office 365 estate to create a tailored plan that gives you the security enhancements you need. And we can also conduct regular scans for evidence of Office-related risks, breaches, or suspicious behaviour.

“ With the increase of digital and cyber-security threats, it has never been more important for effective security monitoring and response. As our trusted partner, and not just a supplier, I feel safe in the knowledge that Nasstar is the best-fit to assist Thrive on our digital transformation journey. ”

JOHN STENTON
IT MANAGER, THRIVE HOMES



PENETRATION TESTING SERVICES

How secure is your network? Do you have the latest and greatest security solutions in place?

BETTER SIMULATED THAN SORRY...

Regardless of the amount of investment, the true measure of your security only comes when you're pitted against a determined hacker.

So it makes sense to put your defences to the test against the people who really know how and where to hit you – the hackers themselves.

We employ ethical hackers to probe your infrastructure, applications, people and processes, to spot weaknesses and determine where breaches may occur.

Our in-house team of penetration testers bring years of experience creating tailored testing programmes for organisations of all shapes and sizes. We will provide detailed reports and suggestions about how to plug the gaps in your security defences, and we'll re-test you once you're done to see if you're prepared to withstand the real thing.

KEY FEATURES

Test the strength of your security at the hands of our ethical hackers

\\ Onboarding and Planning

We'll work with you to plan the scope of the testing process, as well as establishing all the necessary administration rights and determining whether you want to keep the process under wraps, or let your employees know about the simulation. All of our penetration tests will be carried out in line with the precise requirements you highlight to us in the initial scoping phase.

\\ Web and Mobile Application Testing

We evaluate all types of web servers, from static brochure websites, to highly personalised, e-commerce environments, looking at how data is encrypted and whether hackers could compromise you using a server-side attack such as SQL injections. All our tests are designed around OWASP Guidelines and Standards so you know we're testing against the latest threats.

\\ External Infrastructure Testing

We assume the role of a hacker who has had no prior access to your systems. We test all of your internet-connected networks for weaknesses, attempting to penetrate security controls such as DNS servers, firewalls, VPN servers, FTP servers or HTTP/HTTPS servers. Our goal is to see just how secure your network perimeter is.

\\ Social Engineering

When we deal with cyber security, we're always dealing with humans, which makes testing for socially engineered attacks an essential step. Employees are almost always the greatest vulnerability to your network, so we use targeted phishing emails to evaluate how they perform and feed the results of this assessment directly into your security training.

\\ Internal Infrastructure Testing

We now take on the role of an internal user and test from within your company's network. We're looking to gain access to confidential data, including HR information on employees as well as financials. We'll also test whether someone with internal access to your network can sidestep security controls to remove data from the network, and check if your systems are setup to alert you the moment this happens.

\\ Vulnerability Assessment

This test covers your entire corporate environment. We scan and monitor all the devices connected to your internal and external networks as well as your webfacing applications and services. We score each scan based on the severity of the vulnerability we detect, providing you with a detailed picture of where your greatest weaknesses sit within your corporate environment.

CYBER SECURITY STRATEGY

Access to expert advice at every step

Achieving strong and robust cyber security requires clear-headed strategic thinking, which isn't easy if your IT teams are time-poor and resource-stretched.

Even once you're clear on strategy, there's the question of how to deliver it without further overwhelming your team or sending your costs spiralling.

At Nasstar we offer trusted, impartial advice born out of decades of experience helping organisations strengthen and maintain their defences. We provide access to our security specialists for strategic counsel, at every stage of your journey:

- Security Operations Setup and Strategy
- Incident Management Strategy
- Risk assessment and Management
- Information Security and Assurance
- Microsoft Security Strategy

Our Security Strategy Services allow you to better understand and quantify your risks, access additional resources or skills to tackle specific security challenges and improve your ability to detect and respond to new threats wherever they occur.

Most importantly, we can unify your organisation around an agreed set of security priorities and determine the right approach for delivering them – whether in-house, fully-outsourced or somewhere in-between. With Nasstar, you can feel confident in how you approach security and be reassured that every priority is taken care of.

“*Nasstar act as an extension of the St Wilfrid’s Hospice IT team for both infrastructure and security services. Personalised, proactive security focus and 24/7 risk categorisation based on intent provides priority focus when we need it most. Any identified issues are recorded within ServiceNow for full visibility and actioned in line with our agreed escalation profile round-the-clock. This enables our IT team to focus on key projects and priorities, secure in the knowledge that our systems are in safe hands.*”

LAURENCE DUFFELL
IT MANAGER, ST WILFRID’S HOSPICE

CASE STUDY

The Environmental and Process Engineering (TEPE) Group

THE CUSTOMER STORY

FEEL SECURE WITH NASSTAR

Understanding cyber threats is part of our DNA



Industry-leading
testers



Cyber Essentials
Plus solutions



ISO 27001,
20000, 14001
and **9001** certified



SC Awards Europe 2020:
Winner: 'Best Managed
Security Service'



Finalist: 'Best SME
Security Solution'



Finalist: in 'Best Incident
Response Solution'

NASSTAR

REQUEST A FREE SECURITY SERVICES CONSULTATION

As a trusted advisor, Nasstar's award winning security team provides insight and expert advice to meet your specific business needs. From quantifying and understanding your risks to extending your team resources, detecting and responding to threats, and developing a strategic security program, we will assist you at every step.

If you would like to book a complimentary consultation or find out more, please contact enquiries@nasstar.com or call 0844 443 4433.

CONTACT US NOW



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